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UNITED STATES.

REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities on San Francisco Bay, 1,520 acres of land in Contra Costa County and 460 in San Mateo County, were covered with poison during the week ended October 29, 1910.

Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rodent plague.	Total number of rodents found infected since May, 1907.
California:			
Cities—			
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	398 rats.
Oakland.....	Oct. 26, 1909	Dec. 1, 1908	126 rats.
Berkeley.....	Aug. 28, 1907	None recorded.	
Los Angeles.....	Aug. 11, 1908	Aug. 21, 1908	1 squirrel.
Counties:			
Alameda (exclusive of the city of Oakland)....	Sept. 26, 1909	May 30, 1910	88 squirrels, 1 wood rat.
Contra Costa.....	July 21, 1908	Sept. 10, 1910	247 squirrels.
Merced.....	None recorded.	June 6, 1910	2 squirrels.
Monterey.....	do.	do.	4 squirrels.
San Benito.....	June 5, 1910	July 11, 1910	20 squirrels.
San Joaquin.....	None recorded.	Aug. 19, 1910	6 squirrels.
San Luis Obispo.....	do.	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Sept. 5, 1910	Oct. 5, 1910	23 squirrels.
Santa Cruz.....	None recorded.	May 17, 1910	3 squirrels.
Stanislaus.....	do.	May 21, 1910	5 squirrels.
Washington:			
Seattle.....	Oct. 30, 1907	Feb. 8, 1910	22 rats.

Rats Collected and Examined for Plague Infection.

Place.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Berkeley.....	Oct. 29	0	^a 117	117	.....
Oakland.....	do.	12	^b 660	570	.....
San Francisco.....	do.	41	^c 1,751	1,184	.....
Washington:					
Seattle.....	do.		1,013	863	.....
Total.....		53	3,541	2,734	.....

^a Identified, *Mus norvegicus* 88, *Mus musculus* 29.

^b Identified, *Mus norvegicus* 567, *Mus rattus* 2, *Mus musculus* 90, *Mus alexandrinus* 1.

^c Identified, *Mus norvegicus* 1,222, *Mus rattus* 186, *Mus musculus* 353, *Mus alexandrinus* 89.

Squirrels Collected and Examined for Plague Infection.

Place.	Week ended.	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Cities—					
San Francisco.....	Oct. 29	16	.....	14	.....
Counties—					
Calaveras.....	do.....	83	.....	83	.....
Contra Costa.....	do.....	60	5	65	.....
Fresno.....	do.....	83	.....	83	.....
Los Angeles.....	do.....	228	.....	216	.....
Merced.....	do.....	49	.....	49	.....
Monterey.....	do.....	239	.....	233	.....
Sacramento.....	do.....	169	1	170	.....
San Joaquin.....	do.....	268	.....	265	.....
San Luis Obispo.....	do.....	1,010	.....	1,004	.....
San Mateo.....	do.....	6	.....	6	.....
Santa Clara.....	do.....	24	.....	24	.....
Solano.....	do.....	95	.....	95	.....
Tuolumne.....	do.....	104	.....	104	.....
Yolo.....	do.....	19	.....	19	.....
Total.....		2,453	6	2,430	.....

Other Animals Collected and Examined.

Place.	Week ended.	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	Oct. 29	2 gophers.....	1	.....
Counties—				
San Luis Obispo.....	do.....	1 rabbit.....	1	.....
Santa Clara.....	do.....	2 rabbits.....	2	.....
Total.....			4	.....

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the state boards of health and include all cases reported throughout the State.

Reports Received During Week Ended November 18, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama: Mobile.....	Oct. 30-Nov. 1....	1		No cases reported.
*Arizona: Flagstaff.....	Oct. 23-29.....	1	.....	
Connecticut, entire State.....	Oct. 1-31.....	.....	.....	
Florida: Duval County.....	Oct. 30-Nov. 5....	1	.....	
Osceola County.....	Oct. 30-Nov. 5....	5	.....	
*Louisiana: New Orleans.....	Nov. 2-8.....	2		No cases reported.
Massachusetts, entire State.....	Oct. 1-31.....	.....	.....	
Michigan: Bay County.....	Oct. 1-31.....	1	.....	
Benzie County.....	Oct. 1-31.....	2	.....	
Charlevoix County.....	Oct. 1-31.....	4	.....	
Cheboygan County.....	Oct. 1-31.....	1		Estimated 12 to 15 cases.
Crawford County.....	Oct. 1-31.....	.....	.....	